Brain Research, 585 (1992) 435–437
Elsevier Science Publishers B.V.

Author Index

Abarca, J., see Bustos, G. (585) 105
Ahima, R.S. and Harlan, R.E.
Regulation of glucocorticoid receptor immunoreactivity in the rat hippocampus by androgenic-anabolic steroids (585) 311
Aiple, F., see Cassel, J.C. (585) 243
Aizenman, E. and Hartnett, K.A.
The action of CGS-19755 on the redox enhancement of NMDA toxicity in rat cortical neurons in vitro (585) 28
Amano, N., see Kawagishi, S. (585) 196
An, A., see Loughlin, S.E. (585) 149
Andersen, B.J. and Marmarou, A.
Functional compartmentalization of energy production in neural tissue (585) 190
Andersen, B.J. and Marmarou, A.
Post-traumatic selective stimulation of glycolysis (585) 184
Anderson, E.G., see Todorovic, S. (585) 212
Arai, H., Lee, V.M.-Y., Hill, W.D., Greenberg, B.D. and Trojanowski, J.Q.
Lewy bodies contain beta-amyloid precursor proteins of Alzheimer's disease (585) 386
Arai, S., see Kawagishi, S. (585) 196
Arvidsson, U., see Piehl, F. (585) 400
Asahara, T., see Nishimura, Y. (585) 291
Asahara, T., see Tanaka, T. (585) 377
Atoji, Y. and Suzuki, Y.
Chondroitin sulfate in the extracellular matrix of the medial and lateral superior olivary nuclei in the dog (585) 287

Babcock, G., see Johns, L.D. (585) 229
Babila, T., Schaad, N.C., Simonds, W.F., Shinohara, T. and Klein, D.C.
Development of MEKA (phosducin), Gβ, Gγ and S-antigen in the rat pineal gland and retina (585) 141
Bachoo, M., Heppner, T., Fiekers, J. and Polosa, C.
A role for protein kinase C in long term potentiation of nicotinic transmission in the superior cervical ganglion of the rat (585) 299
Barnabei, O., see Facchinetti, F. (585) 330
Barnabei, O., see Poli, A. (585) 128
Black, M.D., Carey, F., Crossman, A.R., Relton, J.K. and Rothwell, N.J.
Lipocortin-1 inhibits NMDA receptor-mediated neuronal damage in the striatum of the rat (585) 135
Blomqvist, A., Ericson, A.-C., Broman, J. and Craig, A.D.
Electron microscopic identification of lamina I axon terminations in the nucleus submedius of the cat thalamus (585) 425
Boddeke, H.W.G.M., Wiederhold, K.H. and Palacios, J.M.
Intracerebroventricular application of competitive and non-competitive NMDA antagonists induce similar effects upon rat hippocampal electroencephalogram and local cerebral glucose utilization (585) 177
Bogdal, Y., see Bottari, S.P. (585) 372
Bolden, S.W., see Stewart, M.G. (585) 381
Bottari, S.P., Obermüller, N., Bogdal, Y., Zahs, K.R. and Deschepper, C.F.
Characterization and distribution of angiotensin II binding sites in fetal and neonatal astrocytes from different rat brain regions (585) 372
Boya, J., see García-Mauriño, J.E. (585) 255
Bradberry, C.W., see Bustos, G. (585) 105
Brody, M.J., see Meller, S.T. (585) 71
Broman, J., see Blomqvist, A. (585) 425
Bustos, G., Abarca, J., Forray, M.I., Gysling, K., Bradberry, C.W. and Roth, R.H.
Regulation of excitatory amino acid release by *N*-methyl-D-aspartate receptors in rat striatum: in vivo microdialysis studies (585) 105
Butterworth, R.F., see Giguère, J.-F. (585) 295

Calvo, J.L., see García-Mauriño, J.E. (585) 255
Carey, F., see Black, M.D. (585) 135
Carithers, J., see Dellmann, H.-D. (585) 19
Cassel, J.C., Neufang, B., Kelche, C., Aiple, F., Will, B.E., Hertting, G. and Jackisch, R.
Effects of septal and/or raphe cell suspension grafts on hippocampal choline acetyltransferase activity, high affinity synaptosomal uptake of choline and serotonin, and behavior in rats with extensive septohippocampal lesions (585) 243
Castano, P., see Melcangi, R.C. (585) 411
Celotti, F., see Melcangi, R.C. (585) 411
Chen, X., see Poon, P.W.F. (585) 391
Chiu, F.-C., see Vickers, J.C. (585) 205
Chrapusta, S., see Lipska, B.K. (585) 1
Chrétien, M., see Gabreëls, B.A.T.F. (585) 275
Clancy, A.N., see West, C.H.K. (585) 49
Clark, A.S. and Cotman, C.W.
Adrenal hormone effects on hippocampal excitatory amino acid binding (585) 161
Contestabile, A., see Facchinetti, F. (585) 330
Costa, M., see Vickers, J.C. (585) 205
Cotman, C.W., see Clark, A.S. (585) 161
Craig, A.D., see Blomqvist, A. (585) 425
Crossman, A.R., see Black, M.D. (585) 135
Cuenca, N., see De Juan, J. (585) 431

Dagerlind, Å., see Piehl, F. (585) 400
Davies, H.A., see Stewart, M.G. (585) 381
De Juan, J., Cuenca, N., Iñiguez, C. and Fernández, E.
Axon types classified by morphometric and multivariate analysis in the rat optic nerve (585) 431
Del Arco, C., see Pascual, J. (585) 116
Dellmann, H.-D. and Carithers, J.
Development of neural lobe-like neurovascular contact regions after intrahypothalamic transection of the hypothalamo-neurohypophysial tract (585) 19
Del Río, J., see Pérez-Otaño, I. (585) 156
Deschepper, C.F., see Bottari, S.P. (585) 372
DeWitt, D.S., see Miyazaki, S. (585) 335
Dluzen, D., Guan, X. and Vandenbergh, J.G.
Puberty acceleration in female mice induced with a partially purified male urine extract: effects on catecholamine release from the olfactory bulbs and hypothalamus (585) 367
Dubner, R., see Thomas, D.A. (585) 315

Emori, K., see Minabe, Y. (585) 237
Ericson, A.-C., see Blomqvist, A. (585) 425

Facchinetti, F., Virgili, M., Contestabile, A. and Barnabei, O.
Antagonists of the NMDA receptor and allopurinol protect the olfactory cortex but not the striatum after intra-cerebral injection of kainic acid (585) 330
Fernández, E., see De Juan, J. (585) 431
Fiekers, J., see Bachoo, M. (585) 299
Flood, J.F., Garland, J.S. and Morley, J.E.
Evidence that cholecystokinin-enhanced retention is mediated by changes in opioid activity in the amygdala (585) 94
Forray, M.I., see Bustos, G. (585) 105
Freedman, M., see Johns, L.D. (585) 229

Gabreëls, B.A.T.F., Sonnemans, M.A.F., Seidah, N.G., Chrétien, M. and Van Leeuwen, F.W.
Dynamics of 7B2 and galanin expression in solitary magnocellular hypothalamic vasopressin neurons of the homozygous Brattleboro rat (585) 275
Gandolfi, O., see Poli, A. (585) 128
Gao, H. and Hollyfield, J.G.
Basic fibroblast growth factor (bFGF) immunolocalization in the rodent outer retina demonstrated with an anti-rodent bFGF antibody (585) 355
García-Mauriño, J.E., Boya, J., López-Muñoz, F. and Calvo, J.L.
Immunohistochemical localization of nerve growth factor in the rat pineal gland (585) 255
Garland, J.S., see Flood, J.F. (585) 94
Gebhart, G.F., see Meller, S.T. (585) 71
Gebhart, G.F., see Zhuo, M. (585) 7
Geiger, J.D., see Stein, M.B. (585) 349
Gibbs, C.M.
Divergent effects of deep cerebellar lesions on two different conditioned somatomotor responses in rabbits (585) 395

Giguère, J.-F., Hamel, E. and Butterworth, R.F.
Increased densities of binding sites for the 'peripheral-type' benzodiazepine receptor ligand [^{3}H]PK 11195 in rat brain following portacaval anastomosis (585) 295
Goldberg, S.J., see Miyazaki, S. (585) 335
González, A.M., see Pascual, J. (585) 116
Grahovac, I., see Kalaria, R.N. (585) 87
Green, D., see Johns, L.D. (585) 229
Greenberg, B.D., see Arai, H. (585) 386
Greenfield, S., see Hajós, M. (585) 416
Guan, X., see Dluzen, D. (585) 367
Gysling, K., see Bustos, G. (585) 105

Hajós, M. and Greenfield, S.
Differential actions of acetylcholinesterase on the soma and dendrites of dopaminergic substantia nigra neurons in vitro (585) 416
Hamel, E., see Giguère, J.-F. (585) 295
Harik, S.I., see Kalaria, R.N. (585) 87
Harlan, R.E., see Ahima, R.S. (585) 311
Hartnett, K.A., see Aizenman, E. (585) 28
Hashimoto, T., Kitamura, N., Saito, N., Komure, O., Nishino, N. and Tanaka, C.
The loss of βII-protein kinase C in the striatum from patients with Huntington's disease (585) 303
Hatase, O., see Moia, L.J.M.P. (585) 283
Hauglie-Hanssen, E., see Hegstad, E. (585) 340
Haugstad, T.S., see Hegstad, E. (585) 340
Hausman, R.E., see Sagar, G.D.V. (585) 63
Hayes, R.L., see Miyazaki, S. (585) 335
Hazrati, L.-N. and Parent, A.
Projection from the deep cerebellar nuclei to the pedunculopontine nucleus in the squirrel monkey (585) 267
Hegstad, E., Haugstad, T.S., Hauglie-Hanssen, E. and Langmoen, I.A.
Calcium-dependent release of glutamate from human cerebral cortex (585) 340
Heppner, T., see Bachoo, M. (585) 299
Herrero, M.T., see Pérez-Otaño, I. (585) 156
Hertting, G., see Cassel, J.C. (585) 243
Higuchi, K., see Nishimura, Y. (585) 291
Higuchi, K., see Tanaka, T. (585) 377
Hill, W.D., see Arai, H. (585) 386
Hökfelt, T., see Piehl, F. (585) 400
Hollyfield, J.G., see Gao, H. (585) 355

Iñiguez, C., see De Juan, J. (585) 431
Itano, T., see Moia, L.J.M.P. (585) 283
Iwamoto, M., see Kawagishi, S. (585) 196
Iwata, K., see Thomas, D.A. (585) 315

Jackisch, R., see Cassel, J.C. (585) 243
Jaskiw, G.E., see Lipska, B.K. (585) 1
Jenkins, L.W., see Miyazaki, S. (585) 335
Johns, L.D., Babcock, G., Green, D., Freedman, M., Sriram, S. and Ransohoff, R.M.
Transforming growth factor-β_1 differentially regulates proliferation and MHC class-II antigen expression in forebrain and brainstem astrocyte primary cultures (585) 229
Johnson, H., see Piehl, F. (585) 400
Jones, T.E., see Kawagishi, S. (585) 196

Kalaria, R.N., Sromek, S.M., Grahovac, I. and Harik, S.I.
Transferrin receptors of rat and human brain and cerebral microvessels and their status in Alzheimer's disease (585) 87
Karoum, F., see Lipska, B.K. (585) 1
Katayama, Y., see Miyazaki, S. (585) 335
Kawagishi, S., Yoshino, K., Jones, T.E., Iwamoto, M., Arai, S. and Amano, N.
Dopamine receptor antagonists increase markedly the quantity of retrograde transport of HRP in the rat masseteric motoneuron (585) 196
Kayahara, T., see Yasui, Y. (585) 361
Kelche, C., see Cassel, J.C. (585) 243
Kenshalo Jr., D.R., see Thomas, D.A. (585) 315
Kim, M. and McGaugh, J.L.
Effects of intra-amygdala injections of NMDA receptor antagonists on acquisition and retention of inhibitory avoidance (585) 35
Kirk, M.D., see Scott, M.L. (585) 272
Kitamura, N., see Hashimoto, T. (585) 303
Klein, D.C., see Babila, T. (585) 141
Komure, O., see Hashimoto, T. (585) 303

Langmoen, I.A., see Hegstad, E. (585) 340
Lee, V.M.-Y., see Arai, H. (585) 386
Leslie, F.M., see Loughlin, S.E. (585) 149
Lewis, S.J., see Meller, S.T. (585) 71
Lipska, B.K., Jaskiw, G.E., Chrapusta, S., Karoum, F. and Weinberger, D.R.
Ibotenic acid lesion of the ventral hippocampus differentially affects dopamine and its metabolites in the nucleus accumbens and prefrontal cortex in the rat (585) 1
Lopez-Muñoz, F., see García-Mauriño, J.E. (585) 255
Loughlin, S.E., An, A. and Leslie, F.M.
Opioid receptor changes in weaver mouse striatum (585) 149
Lucchi, R., see Poli, A. (585) 128
Luquin, M.R., see Pérez-Otaño, I. (585) 156
Lyeth, B.G., see Miyazaki, S. (585) 335

Marmarou, A., see Andersen, B.J. (585) 184
Marmarou, A., see Andersen, B.J. (585) 190
Martini, L., see Melcangi, R.C. (585) 411
Mathes, C., Wang, S.S.-H., Vargas, H.M. and Thompson, S.H.
Intracellular calcium release in N1E-115 neuroblastoma cells is mediated by the M1 muscarinic receptor subtype and is antagonized by McN-A-343 (585) 307
Matsui, H., see Moia, L.J.M.P. (585) 283
McGaugh, J.L., see Kim, M. (585) 35
Melcangi, R.C., Celotti, F., Castano, P. and Martini, L.
Intracellular signalling systems controlling the 5α-reductase in glial cell cultures (585) 411
Meller, S.T., Lewis, S.J., Brody, M.J. and Gebhart, G.F.
Vagal afferent-mediated inhibition of a nociceptive reflex by i.v. serotonin in the rat. II. Role of 5-HT receptor subtypes (585) 71
Michael, R.P., see West, C.H.K. (585) 49
Minabe, Y. and Emori, K.
Two types of neuroplasticities in the kindling phenomenon: effects of chronic MK-801 and methamphetamine (585) 237
Miyazaki, S., Katayama, Y., Lyeth, B.G., Jenkins, L.W., DeWitt, D.S., Goldberg, S.J., Newlon, P.G. and Hayes, R.L.
Enduring suppression of hippocampal long-term potentiation following traumatic brain injury in rat (585) 335
Mizuno, N., see Yasui, Y. (585) 361
Moia, L.J.M.P., Matsui, H., Nishio, H., Tsuchida, T., Tokuda, M., Itano, T., Nagao, S. and Hatase, O.
Identification of a *src* family protein specifically expressed in rat astrocytes by immunohistochemistry and double immunofluorescent study (585) 283
Morley, J.E., see Flood, J.F. (585) 94

Nagao, S., see Moia, L.J.M.P. (585) 283
Nagy, J.I., see Stein, M.B. (585) 349
Nakagawa, Y., see Yasui, Y. (585) 361
Nakano, K., see Yasui, Y. (585) 361
Neufang, B., see Cassel, J.C. (585) 243
Newlon, P.G., see Miyazaki, S. (585) 335
Nishimura, Y., Asahara, T., Higuchi, K. and Tanaka, T.
Synaptic inhibition of accessory motoneurons evoked by stimulation of the trigeminal nerve in the cat (585) 291
Nishimura, Y., see Tanaka, T. (585) 377
Nishino, N., see Hashimoto, T. (585) 303
Nishio, H., see Moia, L.J.M.P. (585) 283
Nitsch, R.M., see Slack, B.E. (585) 169

Obermüller, N., see Bottari, S.P. (585) 372
Obeso, J.A., see Pérez-Otaño, I. (585) 156

Padua, R.A., see Stein, M.B. (585) 349
Palacios, J.M., see Boddeke, H.W.G.M. (585) 177
Parent, A., see Hazrati, L.-N. (585) 267
Pascual, J., Del Arco, C., González, A.M. and Pazos, A.
Quantitative light microscopic autoradiographic localization of α_2-adrenoceptors in the human brain (585) 116
Patneau, D.K. and Stripling, J.S.
Functional correlates of selective long-term potentiation in the olfactory cortex and olfactory bulb (585) 219
Pazos, A., see Pascual, J. (585) 116
Pérez-Otaño, I., Herrero, M.T., Luquin, M.R., Obeso, J.A. and Del Río, J.
Chronic MPTP treatment reduces substance P and met-enkephalin content in the basal ganglia of the marmoset (585) 156
Piehl, F., Arvidsson, U., Johnson, H., Dagerlind, Å., Hökfelt, T., Terenius, L. and Ulfhake, B.
Reappearance of calcitonin gene-related peptide-like immunoreactivity in the dor-

sal horn in long-term dorsal root transected rat (585) 400
Poli, A., Gandolfi, O., Lucchi, R. and Barnabei, O.
Spontaneous recovery of MPTP-damaged catecholamine systems in goldfish brain areas (585) 128
Polosa, C., see Bachoo, M. (585) 299
Poon, P.W.F. and Chen, X.
Postnatal exposure to tones alters the tuning characteristics of inferior collicular neurons in the rat (585) 391

Ransohoff, R.M., see Johns, L.D. (585) 229
Rao, A.S.M.K., see Sagar, G.D.V. (585) 63
Relton, J.K., see Black, M.D. (585) 135
Ren, Y., see Sagar, G.D.V. (585) 63
Richards, J.B., see Sabol, K.E. (585) 421
Richardson, C., see Simmons, R.W. (585) 260
Richardson, U.I., see Slack, B.E. (585) 169
Riekkinen, M., Riekkinen, P., Sirviö, J. and Riekkinen Jr., P.
Effects of combined methysergide and mecamylamine/scopolamine treatment on spatial navigation (585) 322
Riekkinen, P., see Riekkinen, M. (585) 322
Riekkinen Jr., P., see Riekkinen, M. (585) 322
Roca, S., see Scalia, F. (585) 318
Rogers, L.J., see Stewart, M.G. (585) 381
Roth, R.H., see Bustos, G. (585) 105
Rothwell, N.J., see Black, M.D. (585) 135

Sabol, K.E., Richards, J.B. and Seiden, L.S.
Fluoxetine attenuates the DL-fenfluramine-induced increase in extracellular serotonin as measured by in vivo dialysis (585) 421
Sagar, G.D.V., Rao, A.S.M.K., Ren, Y. and Hausman, R.E.
The cell recognition molecule, cognin, mediates choline acetyltransferase activity in embryonic chick retina (585) 63
Saito, N., see Hashimoto, T. (585) 303
Scalia, F. and Roca, S.
Optic nerve regeneration with return of vision through an autologous peripheral nerve graft (585) 318
Schaad, N.C., see Babila, T. (585) 141
Schneider, S.P.
Demonstration of artifactual coupling between spinal neurons and glial cells during intracellular recording with micropipette electrodes (585) 343
Schwartz, R.D. and Yu, X.
Inhibition of GABA-gated chloride channel function by arachidonic acid (585) 405
Scott, J.J.A.
The 'initial burst' of muscle spindle afferents with or without terminals on the bag_1 intrafusal muscle fibre (585) 327
Scott, M.L. and Kirk, M.D.
Recovery of consummatory feeding behavior after bilateral lesions of the cerebral–buccal connectives in *Aplysia californica* (585) 272
Seidah, N.G., see Gabreëls, B.A.T.F. (585) 275
Seiden, L.S., see Sabol, K.E. (585) 421
Shinohara, T., see Babila, T. (585) 141
Shiroyama, T., see Yasui, Y. (585) 361
Simmons, R.W. and Richardson, C.
Peripheral control of the antagonist muscle during unexpectedly loaded arm movements (585) 260
Simonds, W.F., see Babila, T. (585) 141
Sirviö, J., see Riekkinen, M. (585) 322
Slack, B.E., Richardson, U.I., Nitsch, R.M. and Wurtman, R.J.
Dioctanoylglycerol stimulates accumulation of [*methyl*-^{14}C]choline and its incorporation into acetylcholine and phosphatidylcholine in a human cholinergic neuroblastoma cell line (585) 169
Sonnemans, M.A.F., see Gabreëls, B.A.T.F. (585) 275
Sriram, S., see Johns, L.D. (585) 229
Sromek, S.M., see Kalaria, R.N. (585) 87
Stein, M.B., Padua, R.A., Nagy, J.I. and Geiger, J.D.
High affinity [^{3}H]ryanodine binding sites in postmortem human brain: regional distribution and effects of calcium, magnesium and caffeine (585) 349
Stewart, M.G., Rogers, L.J., Davies, H.A. and Bolden, S.W.
Structural asymmetry in the thalamofugal visual projections in 2-day-old chick is correlated with a hemispheric difference in synaptic density in the hyperstriatum accessorium (585) 381
Stripling, J.S., see Patneau, D.K. (585) 219
Suzuki, Y., see Atoji, Y. (585) 287

Tanaka, C., see Hashimoto, T. (585) 303
Tanaka, T., Asahara, T., Nishimura, Y., Higuchi, K. and Yamamoto, T.
Afferent projections in the spinal accessory nerve to the facial motoneurons of the cat (585) 377
Tanaka, T., see Nishimura, Y. (585) 291
Terenius, L., see Piehl, F. (585) 400
Thomas, D.A., Williams, G.M., Iwata, K., Kenshalo Jr., D.R. and Dubner, R.
Effects of central administration of opioids on facial scratching in monkeys (585) 315
Thompson, S.H., see Mathes, C. (585) 307
Todorovic, S. and Anderson, E.G.
Serotonin preferentially hyperpolarizes capsaicin-sensitive C type sensory neurons by activating 5-HT_{1A} receptors (585) 212
Tokuda, M., see Moia, L.J.M.P. (585) 283
Trojanowski, J.Q., see Arai, H. (585) 386
Tsuchida, T., see Moia, L.J.M.P. (585) 283

Ulfhake, B., see Piehl, F. (585) 400

Vandenbergh, J.G., see Dluzen, D. (585) 367
Van Leeuwen, F.W., see Gabreëls, B.A.T.F. (585) 275
Vargas, H.M., see Mathes, C. (585) 307
Vickers, J.C., Chiu, F.-C. and Costa, M.
Selective distribution of the 66-kDa neuronal intermediate filament protein in the sensory and autonomic nervous system of the guinea-pig (585) 205
Virgili, M., see Facchinetti, F. (585) 330

Wang, S.S.-H., see Mathes, C. (585) 307
Weinberger, D.R., see Lipska, B.K. (585) 1
West, C.H.K., Clancy, A.N. and Michael, R.P.
Enhanced responses of nucleus accumbens neurons in male rats to novel odors associated with sexually receptive females (585) 49
White, G.
Heterogeneity in EC_{50} and n_H of $GABA_A$ receptors on dorsal root ganglion neurons freshly isolated from adult rats (585) 56
Wiederhold, K.H., see Boddeke, H.W.G.M. (585) 177
Will, B.E., see Cassel, J.C. (585) 243
Williams, G.M., see Thomas, D.A. (585) 315
Wurtman, R.J., see Slack, B.E. (585) 169

Yamamoto, T., see Tanaka, T. (585) 377
Yasui, Y., Nakano, K., Nakagawa, Y., Kayahara, T., Shiroyama, T. and Mizuno, N.
Non-dopaminergic neurons in the substantia nigra project to the reticular formation around the trigeminal motor nucleus in the rat (585) 361
Yoshino, K., see Kawagishi, S. (585) 196
Yu, X., see Schwartz, R.D. (585) 405

Zahs, K.R., see Bottari, S.P. (585) 372
Zhuo, M. and Gebhart, G.F.
Inhibition of a cutaneous nociceptive reflex by a noxious visceral stimulus is mediated by spinal cholinergic and descending serotonergic systems in the rat (585) 7